

Title (en)
MOTOR DRIVING CONTROL APPARATUS AND MOTOR-ASSISTED VEHICLE

Title (de)
MOTORANTRIEBSSTEUERUNGSVORRICHTUNG UND MOTORUNTERSTÜTZTES FAHRZEUG

Title (fr)
APPAREIL DE COMMANDE D'ENTRAÎNEMENT DE MOTEUR ET VÉHICULE À ASSISTANCE PAR MOTEUR

Publication
EP 3536539 A1 20190911 (EN)

Application
EP 19160737 A 20190305

Priority
JP 2018039760 A 20180306

Abstract (en)
An embodiment of this invention relates to a motor driving control apparatus for amoto-assisted vehicle, which includes a driving unit configured to drive a motor, and a controller configured to determine a regeneration amount based on a first speed of a vehicle that moves by the motor driven by the driving unit, and control the driving unit according to the regeneration amount, wherein the first speed is a speed at a first timing when it is detected that a brake of the vehicle is changed to OFF, or is determined based on temporal change in an acceleration of the vehicle.

IPC 8 full level
B60L 7/26 (2006.01); **B60L 50/20** (2019.01); **B60T 8/32** (2006.01); **B62M 6/45** (2010.01)

CPC (source: CN EP US)
B60L 3/0046 (2013.01 - EP); **B60L 3/04** (2013.01 - EP); **B60L 7/16** (2013.01 - US); **B60L 7/26** (2013.01 - EP US); **B60L 50/00** (2019.01 - US); **B60L 50/20** (2019.01 - EP US); **B60L 50/53** (2019.01 - EP); **B60T 8/17** (2013.01 - US); **B60T 8/1706** (2013.01 - EP US); **B60T 8/32** (2013.01 - US); **B60W 50/0225** (2013.01 - EP); **B62M 6/45** (2013.01 - CN EP US); **B62M 6/50** (2013.01 - CN); **B62M 6/60** (2013.01 - CN); **H02P 3/14** (2013.01 - US); **B60L 2200/12** (2013.01 - EP US); **B60L 2200/26** (2013.01 - EP); **B60T 2270/604** (2013.01 - EP US); **H02P 2205/07** (2013.01 - US); **Y02T 10/70** (2013.01 - EP)

Citation (applicant)
• JP 5655989 B2 20150121
• JP 2014090539 A 20140515 - TAIYO YUDEN KK
• WO 2012086459 A1 20120628 - MICROSPACE CORP [JP], et al

Citation (search report)
• [X] EP 3009295 A1 20160420 - MICROSPACE CORP [JP], et al
• [E] EP 3459782 A1 20190327 - TAIYO YUDEN KK [JP]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3536539 A1 20190911; CN 110228559 A 20190913; CN 110228559 B 20210817; JP 2019154199 A 20190912; JP 6768020 B2 20201014; TW 201938441 A 20191001; TW I723328 B 20210401; US 10749451 B2 20200818; US 2019280628 A1 20190912

DOCDB simple family (application)
EP 19160737 A 20190305; CN 201910160628 A 20190304; JP 2018039760 A 20180306; TW 108101988 A 20190118; US 201916290806 A 20190301